

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Docket No.: 9105-15

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **Thermal Flow Simulation For Casting/Molding Process**, the specification of which

(check one) ☒ is attached hereto.
☐ was filed on _____ as Application Serial No. _____
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	_____ Yes	_____ No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	_____ Yes	_____ No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	_____ Yes	_____ No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to

001020-06E0T960

disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status - patent/pending/abandoned)
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(Application Serial No.)	(Filing Date)	(Status - patent/pending/abandoned)
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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Harold R. Woodard, No. 16,214; C. David Emhardt, No. 18, 483; Joseph A. Naughton, Jr., No. 19, 814; John V. Moriarty, No. 26,207; John C. McNett, No. 25,533; Thomas Q. Henry, No. 28,309; James M. Durlacher, No. 28,840; Charles R. Reeves, No. 28,750; Vincent O. Wagner, No. 29,596; Steve Zlatos, No. 30,123; Spiro Bereveskos, No. 30,821; William F. Bahret, No. 31,087; Clifford W. Browning, No. 32,201; R. Randall Frisk, No. 32,221; Daniel J. Lueders, No. 32,581; Kenneth A. Gandy, No. 33,386; Timothy N. Thomas, No. 35,714; Kerry P. Sisselman, No. 37,237; Kurt N. Jones, 37,996; John H. Allie, No. 39,088; Holiday W. Banta, No. 40,311; Troy J. Cole, No. 35,102; L. Scott Paynter, No. 39,797; J. Andrew Lowes, No. 40,706; Darrin Wesley Harris, No. 40,636; Matthew R. Schantz, No. 40,800; Gregory B. Coy, No. 40,967; Lisa A. Hiday, No. 40,036; John V. Daniluck, No. 40,581; Christopher A. Brown, 41,642; Charles J. Meyer, 41,996; Arthur J. Usher IV, 41,359; Scott J. Stevens, 29,446; James B. Meyers, 42,021; C. John Brannon, 44,557; Jason J. Schwartz, 43,910; Douglas A. Collier, 43,556; R. Craig Tucker, 45,165; C. Amy Smith, No. 42,931; Brad A. Schepers, No. 45,431; and John M. Bradshaw, P-46,573.

Address all telephone calls to:	James M. Durlacher at (317) 634-3456
Address all correspondence to:	James M. Durlacher, Esquire
	Woodard, Emhardt, Naughton, Moriarty & McNett
	Bank One Center/Tower
	111 Monument Circle, Suite 3700
	Indianapolis, Indiana 46204-5137

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Full name of sole or first inventor: David Marc Waite

Inventor's
Signature: David Marc Waite Date of Signature: June 29, 2000
Residence: 627 Holiday Road, Coralville, Iowa 52241
Citizenship: U.S.A.
Post Office Address: 627 Holiday Road, Coralville, Iowa 52241

Full name of second inventor: Shaupoh Wang

Inventor's
Signature: _____ Date of Signature: _____
Residence: 104 Brighthurst Drive, Chesterfield, Missouri 63005
Citizenship: Taiwan
Post Office Address: 104 Brighthurst Drive, Chesterfield, Missouri 63005

Full name of third inventor: Jenn-Yeu Nieh

Inventor's
Signature: _____ Date of Signature: _____
Residence: 2063 Country Field Drive, Chesterfield, Missouri 63017
Citizenship: Taiwan
Post Office Address: 2063 Country Field Drive, Chesterfield, Missouri 63017

001020:06:07:50

9105-15: CAS: 92246

**DECLARATION AND POWER OF ATTORNEY
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(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
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Full name of sole or first inventor: David Marc Waite

Inventor's

Signature: _____ Date of Signature: _____

Residence: 627 Holiday Road, Coralville, Iowa 52241

Citizenship: U.S.A.

Post Office Address: 627 Holiday Road, Coralville, Iowa 52241

Full name of second inventor: Shaupoh Wang

Inventor's

Signature: ✓ Shaupoh Wang Date of Signature: June 30, 2000

Residence: 104 Brighthurst Drive, Chesterfield, Missouri 63005

Citizenship: Taiwan

Post Office Address: 104 Brighthurst Drive, Chesterfield, Missouri 63005

Full name of third inventor: Jenn-Yeu Nieh

Inventor's

Signature: _____ Date of Signature: _____

Residence: 2063 Country Field Drive, Chesterfield, Missouri 63017

Citizenship: Taiwan

Post Office Address: 2063 Country Field Drive, Chesterfield, Missouri 63017

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Full name of sole or first inventor: David Marc Waite

Inventor's

Signature: _____ Date of Signature: _____

Residence: 627 Holiday Road, Coralville, Iowa 52241

Citizenship: U.S.A.

Post Office Address: 627 Holiday Road, Coralville, Iowa 52241

Full name of second inventor: Shaupoh Wang

Inventor's

Signature: _____ Date of Signature: _____

Residence: 104 Brighthurst Drive, Chesterfield, Missouri 63005

Citizenship: Taiwan

Post Office Address: 104 Brighthurst Drive, Chesterfield, Missouri 63005

Full name of third inventor: Jenn-Yeu Nieh

Inventor's

Signature: Jenn-Yeu Nieh Date of Signature: June 30, 2000

Residence: 2063 Country Field Drive, Chesterfield, Missouri 63017

Citizenship: Taiwan

Post Office Address: 2063 Country Field Drive, Chesterfield, Missouri 63017

001020-061090

9105-15: CAS:92258

APPLICANT OR PATENTEE: David Marc WAITE, et al.

SERIAL OR PATENT NO:

FILE OR ISSUE DATE: Herewith

TITLE: **Thermal Flow Simulation For Casting/Molding Process**

ATTORNEY'S DOCKET NO. 9105-15

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY
STATUS (37 CFR 1.9(f) and 1.27(c)) – SMALL BUSINESS CONCERN

I hereby declare that I am

- ☐ the owner of the small business concern identified below:
☒ an official of the small business entity empowered to act on behalf of the
concern identified below:

NAME OF CONCERN: AEMP Corporation

ADDRESS OF CONCERN: 2404 Dr. F.E. Wright Drive, Jackson, Tennessee 38305

I hereby declare that above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d) for the purpose of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, par-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled **Thermal Flow Simulation For Casting/Molding Process** by inventor(s) David Marc Waite, Shaupoh Wang, and Jenn-Yeu Nieh described in:

- ☒ The specification filed herewith.
☐ Application Serial No., filed _____
☐ Patent No. _____, issued _____

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention is listed below* and no rights to the invention are held by any other person, other than the inventor, who could not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

FULL NAME: _____
ADDRESS: _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT
ORGANIZATION

FULL NAME: _____
ADDRESS: _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT
ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING: Stephan A. Koskinas

TITLE OF PERSON OTHER THAN OWNER: Chief Executive Officer

ADDRESS OF PERSON SIGNING: 2404 Dr. F.E. Wright Drive, Jackson Tennessee 38305

✓ 6/20/2000 ✓
Date Stephan A. Koskinas

* NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

APPLICANT OR PATENTEE: David Marc WAITE, et al.

SERIAL OR PATENT NO:

FILE OR ISSUE DATE: Herewith

TITLE: **Thermal Flow Simulation For Casting/Molding Process**

ATTORNEY'S DOCKET NO. 9105-15

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY
STATUS (37 CFR 1.9(f) and 1.27(b)) - INDEPENDENT INVENTOR**

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(C) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled **Thermal Flow Simulation For Casting/Molding Process** described in

- ☒ The specification filed herewith.
- ☐ Application Serial No., filed _____
- ☐ Patent No. _____, issued _____

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9 (e)

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- ☐ no such person, concern, or organization
- ☒ persons, concerns or organizations listed below*

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

FULL NAME: AEMP Corporation

ADDRESS: 2404 Dr. F.E. Wright Drive, Jackson, Tennessee 38305

☐ INDIVIDUAL ☒ SMALL BUSINESS CONCERN ☐ NONPROFIT
ORGANIZATION

001020-06E0T960

ADDRESS: _____

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

FULL NAME: _____

ADDRESS: _____

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

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David Marc Waite
David Marc Waite

Date of Signature

Shaupoh Wang

Date of Signature

Jenn-Yeu Nieh

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Date of Signature

David Marc Waite

June 30, 2000

Date of Signature

Shaupoh Wang

**SIGN
& DATE**

Date of Signature

Jenn-Yeu Nieh

001020-06E0T960

9105-1-CAS:92255

APPLICANT OR PATENTEE: David Marc WAITE, et al.

SERIAL OR PATENT NO:

FILE OR ISSUE DATE: Herewith

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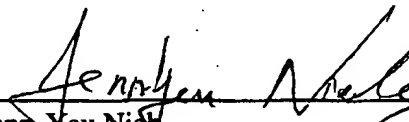
David Marc Waite

Date of Signature

Shaupoh Wang

✓ June 30, 2000

Date of Signature

✓ 

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000020-0507960